

OFF-HIGHWAY VEHICLE LICENSE FUND GRANT APPLICATION PACKET

1. Submittal Date: February 27, 2013
2. Name: Five Cities Fire Authority

Address: 140 Traffic Way

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3. Title of Project: Emergency Response Vehicle maintenance and repair
4. Amount requested: \$12,500.00
5. Objective of project: To restore dunes response vehicle to the condition necessary for emergency response to the dunes. Work to include, but not limited to, transmission rebuild, rebuild front end, all new brakes.
6. Complete project description: The Five Cities Fire Authority (FCFA), through an Automatic Aid agreement with the County of San Luis Obispo and Cal Fire, provides emergency response to the Oceano Dunes State Vehicle Recreation Area. This service has been provided by the Oceano Fire Department or Five Cities Fire since September 2001. In May 2005 the Oceano Community Services District (OCSO) and the State of California, Department of Parks and Recreation entered into an agreement to jointly purchase an emergency response vehicle due to the unique terrain at the Dunes. That vehicle is now 12 years old and the daily effects of salt and moisture are taking its toll on the response readiness of the vehicle. This project will repair the brakes at all four wheels, rebuild the transmission to include an oversized transmission oil cooler and rebuild the front drive axle.
7. Project Schedule: The repair work will be performed by the local Ford dealership in Arroyo Grande. Once the Off-Highway Vehicle funding has been approved by the San Luis Obispo County Board of Supervisors, the FCFA will have the work performed in order to have the vehicle response ready in time for the summer months when the Dunes are used to the fullest by off road enthusiasts. The Off-Highway Vehicle License Fund can then reimburse the FCFA for the actual costs up to \$12,500.

8. Justification: Because of its proximity to the Dunes, the Oceano fire station (station 61) is the closest resource for emergency response when the need arises. In order to provide a high level of service to residents and visitors, an Automatic Aid Agreement was entered into in order to control and mitigate incidents as quickly as possible. Medical emergencies occurring on the Dunes can be controlled and mitigated quickly by first responders with a short response distance. Injured riders on the Dunes will experience less pain and suffering with short response times. Because of the unique terrain on the Dunes a specialized vehicle is essential. The Oceano State Vehicle Recreation Area is outside the jurisdiction of the FCFA, yet the FCFA has been bearing all costs related to the Dunes response. Funding of this project will remove a portion of the financial responsibility from the FCFA. Since 2006, the FCFA has expended \$10,709 in repairs, \$8,400 in fuel and all costs associated with staffing. From May 2011 to May 2012, FCFA responded to the Dunes 156 times. 97% of the calls are medical in nature and related to vehicle accidents. The alternatives to FCFA responding to the Dunes are having State Park Rangers handle the calls along with the County EMS provider and/or Cal Fire handle vegetation fires and/or medical calls on the Dunes. Cal Fire response times from either the Pismo Beach station (64) or the Mesa station (22) would be greater than the response time from the Oceano station.
9. Long range plans: The current vehicle being used for response to the Dunes is nearing its end life as salt and corrosion take their toll. The funding of this project will add more years to the vehicles life span but eventually, the vehicle will need replacing. In discussions with State Parks, it is hoped their budget will be able to replace the vehicle in the not too distant future.
10. Description of Land Status: Majority of land owned by State of California. Small amount of acreage is owned by the County of San Luis Obispo.
11. Land Owner Authorization: Acting State Park Superintendent, Brent Marshal is supportive of the project.
12. History and Status of Resource: The Patrol unit is a 2002 Ford 550 Super Duty cab and chassis with a fire pump, water tank and foam system built by Pierce Manufacturing of Appleton, Wisconsin (2004). The Patrol was first purchased by the South Bay Fire Department and later sold to the Oceano Community Facilities District (OCSD) for response to the Off Highway Vehicle Recreation Area (Dunes) in 2005/2006. OCSD made modifications to the tires and wheels (2006) and cabinetry (2009). Over the years, the Patrol has received the required maintenance necessary to keep it in a

state of readiness. All maintenance has been funded by OCSD or FCFA. At this point, the vehicle is in need of front axle repairs, new brakes at all four wheels and transmission rebuild. The FCFA expects the Patrol unit to be emergency response ready with the completion of these repairs.

13. Necessary Project Info

The project involves repair a 2002 Ford F 550 Super Duty cab and chassis with fire pump, water tank and foam system. This project will repair the brakes at all four wheels, rebuild the transmission to include an oversized transmission oil cooler and rebuild the front drive axle. Copies of design plans are not applicable to this project.

14. Estimated costs:

Brake repair	\$1200
Rebuild Transmission	\$6800
Front drive axle repair	\$4500
Administrative costs	\$ 0
Total	\$12,500

15. Amount of Match Funds:

FCFA will continue to provide all fuel costs (\$1200/yr) and personnel to staff the vehicle 24 hours each day, 365 days a year. The Authority responds to the Dunes over 150 times per year. The average time spent, per response to the Dunes, is 1.5 hours. This includes the time spent responding to and returning from the Dunes, time spent caring for the patient and washing the sand and salt from the rig at the State spray rack. The labor rate (salary and benefits) for a Captain and Firefighter is \$130/hour x 1.5 hours = \$195/call x 150 calls = \$29,250 in staffing each year. Since 2006 the Authority has expended \$10,709 in repairs

16. Experience of Similar Projects:

The Authority has demonstrated its ability in administering grant funded projects. The vehicle itself was grant funded as well as a portion of the equipment assigned to the vehicle. In 2009, OHV funds were distributed to OCSD in the amount of \$54,614 for the purchase of equipment.

17. Allowable Use Criteria:

This project is being applied for under the **Education and Safety** category. Providing a quick and effective emergency response is vital to sustaining off-highway motor vehicle recreational opportunities at the Dunes. As accidents occur, quick, professional medical care reduces pain and suffering and overall

mortality and morbidity. As stated earlier, the FCFA has provided matching funds through repairs and fuel and has provided for all staffing needs necessary to accomplish its mission. Over 1 million visitors enjoy the Dunes annually and all can recreate at the park with the peace of mind that help, should they need it, will respond from the closest resource possible.